



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-June-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Jun 2017	DAEU	Future	4	14.2520	14.3656	0.0000	0.0000	0	0.00		
			4					0.00	0.00	114,552.00	1,470,024,419.90
		<b>Total</b>	<b>4</b>					<b>0.00</b>	<b>0.00</b>	404,152.00	1,470,024,419.90
<b>Future</b>											
Jun 2017	DAGB	Future	5	16.1454	16.3084	0.0000	0.0000	0	0.00		
			5					0.00	0.00	53,259.00	873,246,220.90
		<b>Total</b>	<b>5</b>					<b>0.00</b>	<b>0.00</b>	244,372.00	873,246,220.90
<b>Future</b>											
Jun 2017	DAUS	Future	113	12.6228	12.8001	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	5,060	12.6270	12.8046	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	5,100	12.6419	12.8204	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	3,920	12.6568	12.8361	0.0000	0.0000	6	76,161.00		
Jul 2017	DAUS	Future	1,272	12.6632	12.8429	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	1,080	12.6675	12.8472	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	12.6717	12.8515	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	3,274	12.6928	12.8730	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	1,350	12.7013	12.8815	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	12.7161	12.8966	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	2,500	12.7577	12.9386	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	12.8134	12.9952	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	12.8673	13.0498	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	12.9109	13.0940	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.0976	13.2829	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.2711	13.4573	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.4631	13.6514	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.6543	13.8454	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.8456	14.0394	0.0000	0.0000	0	0.00		
			<b>24,940</b>					<b>6.00</b>	<b>76,161.00</b>	<b>5,593,995.00</b>	<b>65,133,583,928.80</b>

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>	
<b>Option</b>										
Jun 2017	DAUS	13.13 Call	30,000	1.1073	7.2762	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	12.70 Put	20,000	170.2384	93.6958	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	13.50 Put	60	882.6023	713.2424	0.0000	0.0000	0	0.00	
Jun 2017	DAUS	16.24 Call	60	0.0000	0.1314	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.00 Call	5,000	3.5280	7.9308	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.07 Call	5,000	4.6977	9.2862	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	12.65 Put	325	201.5680	132.7694	0.0000	0.0000	125	0.00	
Jul 2017	DAUS	13.95 Put	1,000	1303.9134	1133.7559	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	17.98 Call	1,000	0.0342	0.0910	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.20 Put	2,000	614.7109	488.6949	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	14.30 Call	2,000	10.1947	19.4421	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	13.50 Put	60	873.0237	729.8777	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	16.53 Call	60	1.8303	2.3785	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	13.35 Put	34,000	753.6577	628.1541	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	13.50 Put	60	880.3736	750.8852	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	16.84 Call	60	3.9724	6.8188	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	13.50 Put	60	889.7760	767.7872	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	17.13 Call	60	3.9383	6.3228	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	12.92 Put	1,000	503.9364	420.3753	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	13.50 Put	60	900.2740	783.9236	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	14.10 Call	1,000	163.9399	207.5086	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	17.45 Call	60	3.9279	6.1508	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	13.50 Put	60	908.8524	797.1932	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	17.74 Call	60	13.0695	20.0403	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	13.50 Put	60	915.2601	806.6197	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	18.02 Call	60	18.6997	26.0975	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	2084.8781	1947.6974	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	221.1839	256.3368	0.0000	0.0000	0	0.00	
			<u>106,165</u>					<u>125.00</u>	<u>0.00</u>	<u>12,351,333.00</u>
	<b>Total</b>		<b>131,105</b>					<b>131.00</b>	<b>76,161.00</b>	<b>17,945,328.00</b>
										<b>65,133,583,928.80</b>
<b>Future</b>										
Jun 2017	EUUS	Future	50	1.1281	1.1213	1.1275	1.1270	77	868,165.00	
Sep 2017	EUUS	Future	2	1.1335	1.1267	1.1322	1.1322	2	22,644.00	
			<u>52</u>					<u>79.00</u>	<u>890,809.00</u>	<u>542,923.00</u>
	<b>Total</b>		<b>52</b>					<b>79.00</b>	<b>890,809.00</b>	<b>542,923.00</b>
										<b>6,038,252,105.00</b>
<b>Future</b>										
Jun 2017	GBUS	Future	4,226	1.2782	1.2732	0.0000	0.0000	0	0.00	
			<u>4,226</u>					<u>0.00</u>	<u>0.00</u>	<u>119,810.00</u>
										<b>1,527,552,957.00</b>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Total</b>			<b>4,226</b>					<b>0.00</b>	<b>0.00</b>	119,810.00	1,527,552,957.00
<b>Future</b>											
Jun 2017	ZAAD	Future	17,452	9.6141	9.6370	0.0000	0.0000	6,229	60,003,790.00		
Sep 2017	ZAAD	Future	7,182	9.7408	9.7712	0.0000	0.0000	6,229	60,850,410.00		
Dec 2017	ZAAD	Future	1,153	9.8726	9.9046	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	2,041	10.1295	10.1617	0.0000	0.0000	0	0.00		
			<b>27,828</b>					<b>12,458.00</b>	<b>120,854,200.00</b>	<b>3,232,511.00</b>	<b>27,410,734,262.90</b>
<b>Total</b>			<b>27,828</b>					<b>12,458.00</b>	<b>120,854,200.00</b>	<b>3,264,888.00</b>	<b>27,410,734,262.90</b>
<b>Future</b>											
Jun 2017	ZACA	Future	6,987	9.5485	9.6660	0.0000	0.0000	0	0.00		
Sep 2017	ZACA	Future	10	9.7026	9.8293	0.0000	0.0000	0	0.00		
			<b>6,997</b>					<b>0.00</b>	<b>0.00</b>	<b>88,366.00</b>	<b>839,411,320.00</b>
<b>Total</b>			<b>6,997</b>					<b>0.00</b>	<b>0.00</b>	<b>88,366.00</b>	<b>839,411,320.00</b>
<b>Future</b>											
Jun 2017	ZACR	Future	10	1.8604	1.8820	0.0000	0.0000	0	0.00		
			<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>109,794.00</b>	<b>2,503,480,006.00</b>
<b>Total</b>			<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>109,794.00</b>	<b>2,503,480,006.00</b>
<b>Future</b>											
Sep 2017	ZADK	Future	0	1.9588	1.9740	1.9967	1.9967	150	2,995,050.00		
			<b>0</b>					<b>150.00</b>	<b>2,995,050.00</b>	<b>3,720.00</b>	<b>81,167,909.00</b>
<b>Total</b>			<b>0</b>					<b>150.00</b>	<b>2,995,050.00</b>	<b>3,720.00</b>	<b>81,167,909.00</b>
<b>Future</b>											
Jun 2017	ZAEU	Future	61,157	14.2271	14.3321	14.3250	14.2200	7,849	111,958,748.60		
Sep 2017	ZAEU	Future	51,207	14.5028	14.6207	14.6116	14.5014	8,273	120,412,326.90		
Dec 2017	ZAEU	Future	37,903	14.7890	14.9110	14.9003	14.9003	100	1,490,030.00		
Mar 2018	ZAEU	Future	4,152	15.0755	15.2008	0.0000	0.0000	0	0.00		
			<b>154,419</b>					<b>16,222.00</b>	<b>233,861,105.50</b>	<b>11,649,332.00</b>	<b>162,476,990,450.50</b>
<b>Option</b>											
Dec 2017	ZAEU	14.00 Put	18,000	246.5237	226.8926	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.13 Put	66,500	293.3355	268.6636	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	213.0728	248.6581	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.53 Call	66,500	193.9517	227.6072	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	756.5931	714.3381	0.0000	0.0000	0	0.00		
			<b>174,648</b>					<b>0.00</b>	<b>0.00</b>	<b>5,053,329.00</b>	<b>0.00</b>
<b>Total</b>			<b>329,067</b>					<b>16,222.00</b>	<b>233,861,105.50</b>	<b>16,702,661.00</b>	<b>162,476,990,450.50</b>

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<b>Future</b>										
Jun 2017	ZAFR	Future	1,356	13.0533	13.2028	0.0000	0.0000	0	0.00	
Sep 2017	ZAFR	Future	900	13.3206	13.4825	0.0000	0.0000	0	0.00	
Dec 2017	ZAFR	Future	500	13.5987	13.7656	0.0000	0.0000	0	0.00	
			<u>2,756</u>					<u>0.00</u>	<u>0.00</u>	<u>577,315.00</u>
		<b>Total</b>	<b>2,756</b>					<b>0.00</b>	<b>0.00</b>	<b>577,315.00</b>
<b>Future</b>										
Jun 2017	ZAGB	Future	39,083	16.1206	16.2739	16.3376	16.1500	8,869	143,674,000.10	
Sep 2017	ZAGB	Future	19,851	16.4011	16.5686	16.6148	16.4466	10,446	172,161,881.20	
Dec 2017	ZAGB	Future	3,915	16.6899	16.8620	16.9054	16.7950	103	1,740,925.00	
Jun 2018	ZAGB	Future	3,414	17.2618	17.4401	0.0000	0.0000	0	0.00	
			<u>66,263</u>					<u>19,418.00</u>	<u>317,576,806.30</u>	<u>8,240,437.00</u>
										<u>136,319,463,563.20</u>
<b>Option</b>										
Jun 2017	ZAGB	16.50 Call	600	56.6869	62.4711	0.0000	0.0000	0	0.00	
Jun 2017	ZAGB	16.50 Put	500	436.0869	288.5711	0.0000	0.0000	0	0.00	
Jun 2017	ZAGB	17.50 Call	300	1.7857	3.1776	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	16.70 Call	700	392.9958	474.9106	0.0000	0.0000	0	0.00	
Sep 2017	ZAGB	17.80 Call	1,200	138.9071	178.2665	0.0000	0.0000	0	0.00	
			<u>3,300</u>					<u>0.00</u>	<u>0.00</u>	<u>1,763,113.00</u>
		<b>Total</b>	<b>69,563</b>					<b>19,418.00</b>	<b>317,576,806.30</b>	<b>10,003,550.00</b>
										<b>136,319,463,563.20</b>
<b>Future</b>										
Jun 2017	ZAJY	Future	6,052	0.1157	0.1163	0.0000	0.0000	5,930	68,847,300.00	
Sep 2017	ZAJY	Future	5,930	0.1179	0.1185	0.0000	0.0000	5,930	70,169,690.00	
			<u>11,982</u>					<u>11,860.00</u>	<u>139,016,990.00</u>	<u>940,383.00</u>
		<b>Total</b>	<b>11,982</b>					<b>11,860.00</b>	<b>139,016,990.00</b>	<b>940,383.00</b>
										<b>10,469,261,765.30</b>
<b>Future</b>										
Sep 2017	ZAKS	Future	1,382	0.1218	0.1233	0.0000	0.0000	0	0.00	
Jun 2018	ZAKS	Future	1,145	0.1201	0.1213	0.0000	0.0000	0	0.00	
			<u>2,527</u>					<u>0.00</u>	<u>0.00</u>	<u>29,417.00</u>
		<b>Total</b>	<b>2,527</b>					<b>0.00</b>	<b>0.00</b>	<b>29,417.00</b>
										<b>400,402,950.00</b>
<b>Future</b>										
Jun 2017	ZAUM	Future	374	12.6118	12.7819	12.7748	12.6022	47	59,824,680.00	
Sep 2017	ZAUM	Future	343	12.7947	12.9762	12.9647	12.9647	1	1,296,470.00	
Dec 2017	ZAUM	Future	56	12.9835	13.1674	13.1567	13.1567	1	1,315,670.00	
Mar 2018	ZAUM	Future	3	13.1655	13.3517	0.0000	0.0000	0	0.00	
Jun 2018	ZAUM	Future	182	13.3468	13.5334	0.0000	0.0000	0	0.00	
			<u>958</u>					<u>49.00</u>	<u>62,436,820.00</u>	<u>138,931.00</u>
										<u>158,349,249,300.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Total</b>			<b>958</b>					<b>49.00</b>	<b>62,436,820.00</b>	143,454.00	158,349,249,300.00
<b>Future</b>											
Jun 2017	ZAUS	Future	432,988	12.6118	12.7819	12.7785	12.5963	483,306	6,165,744,645.80		
Sep 2017	ZAUS	Future	849,372	12.7947	12.9762	12.9730	12.7860	472,193	6,103,284,951.10		
Dec 2017	ZAUS	Future	91,285	12.9835	13.1674	13.1568	13.0100	135	1,771,330.00		
Mar 2018	ZAUS	Future	9,611	13.1655	13.3517	13.3443	13.1669	205	2,724,912.80		
Jun 2018	ZAUS	Future	3,845	13.3468	13.5334	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	0	13.5359	13.7252	0.0000	0.0000	4	51,942.60		
Dec 2018	ZAUS	Future	0	13.7188	13.9108	0.0000	0.0000	203	2,636,624.30		
Mar 2019	ZAUS	Future	1,500	13.9142	14.1090	0.0000	0.0000	0	0.00		
			<b>1,388,601</b>					<b>956,046.00</b>	<b>12,276,214,406.60</b>	<b>145,793,087.00</b>	<b>1,686,054,586,982.20</b>
<b>Option</b>											
Jun 2017	ZAUS	11.78 Put	4,500	0.7569	0.3468	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.00 Put	60,150	3.0685	1.4791	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.10 Put	2,000	5.2233	2.7977	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.25 Put	4,500	11.8568	6.6458	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.30 Put	2,000	15.6428	8.7471	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.50 Put	2,400	47.1580	25.6182	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.70 Call	200	55.5702	0.0000	0.0000	0.0000	200	0.00		
Jun 2017	ZAUS	12.71 Put	17,600	150.9956	73.0155	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.76 Call	50	40.8144	113.7839	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.80 Put	4,000	221.3959	109.6728	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.90 Put	3,500	308.0676	176.2707	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	12.92 Call	3,000	17.9509	53.0122	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.00 Call	1,528	12.0390	36.4162	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.00 Put	88,255	400.2390	254.5162	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.25 Put	100	641.9732	479.3573	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.27 Call	3,000	3.4564	10.2690	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.30 Put	2,638	691.2359	527.0555	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.39 Call	4,000	2.0854	5.9848	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.45 Call	3,000	1.6419	4.6068	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.50 Call	4,750	1.3547	3.8130	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.69 Put	250	1078.8895	910.0650	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.70 Call	500	0.6670	1.9021	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.80 Call	1,500	0.4847	1.3914	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	13.83 Put	2,280	1218.6423	1049.3723	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	14.00 Call	1,100	0.2592	0.7944	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	14.00 Put	3,800	1388.4592	1218.8944	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	14.04 Call	37	0.2301	0.7171	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	14.11 Put	2,850	1498.3880	1328.6977	0.0000	0.0000	0	0.00		
Jun 2017	ZAUS	14.13 Put	17,600	1518.3778	1348.6577	0.0000	0.0000	0	0.00		

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Jun 2017	ZAUS	14.18 Put	1,400	1568.3550	1398.5700	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	1618.3357	1448.4974	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	0.1288	0.3720	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	0.1256	0.3599	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	1718.3053	1548.3869	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.40 Call	1,000	0.0890	0.2301	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	98,178	0.0709	0.1697	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	0.0427	0.0837	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	2278.2333	2108.1582	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	0.0278	0.0445	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.10 Call	1,000	0.0239	0.0352	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	0.0298	0.0315	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	0.0760	0.0257	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	0.1037	0.0384	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2888.3037	2718.1384	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	17,600	0.2157	0.0971	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	3168.4157	2998.1971	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	0.2526	0.1181	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	0.2582	0.1213	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	0.3450	0.1728	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	0.4173	0.2175	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	0.4985	0.2691	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	0.5517	0.3036	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	0.3188	0.4977	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	0.0086	0.0144	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.0022	0.0038	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0001	0.0002	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	37,202	87.7895	62.2561	0.0000	0.0000	30,000	0.00
Sep 2017	ZAUS	12.20 Put	1,000	138.7698	101.5908	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	157.4128	116.1810	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	247.6259	190.2092	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	40	292.6717	228.5635	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	413.0275	520.3147	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	395.6455	318.0842	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	314.0905	400.3909	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	13,099	519.3905	424.1909	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.13 Call	250	272.3097	350.2030	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	614.6277	510.3970	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.30 Call	500	225.7713	293.5523	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	500	202.1992	264.5233	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	807.4992	688.3233	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	191.3667	251.1035	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Sep 2017	ZAUS	13.50 Call	6,020	180.9987	238.3678	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	216,962	991.9425	862.0540	0.0000	0.0000	9,728	0.00
Sep 2017	ZAUS	13.75 Put	20,000	1092.4644	957.4296	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	1100.9592	965.5130	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	129.8117	174.2514	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	111.3627	150.5568	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	83.1710	115.1635	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1506.5180	1356.6400	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.25 Call	150	78.3746	109.4482	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1597.4254	1445.5478	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	71.2759	100.6203	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1735.6826	1579.8874	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	58.2780	83.2614	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	54.9372	78.7577	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	44.9815	65.2315	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	32.4765	47.9599	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	11.8914	17.0694	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	8.4850	11.7662	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	7.8313	10.7561	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	5.5850	8.2818	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	4.1404	6.6032	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	3.9569	6.3261	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.8611	1.4933	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	100.1065	82.1162	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	400	156.0337	123.8494	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	216.8997	175.6287	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	284.6681	233.4027	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	326.5707	268.1511	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	395.5141	329.2217	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	583.4787	499.1448	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	657.0010	565.7994	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.15 Call	40	509.4869	0.0000	0.0000	0.0000	40	0.00
Dec 2017	ZAUS	13.18 Put	16,000	695.2027	600.8397	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	714.6482	618.8250	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	808.3256	705.8928	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	842.9005	738.1912	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	397.2108	471.9967	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.91 Put	34,000	1225.0401	1099.7531	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1297.2749	1169.0070	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1715.5268	1575.2295	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	140.0381	172.3591	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	129.8358	160.0967	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>	
Dec 2017	ZAUS	15.12 Call	40,000	128.9510	159.0295	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	15.50 Call	9,316	99.8656	123.8684	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	16.00 Call	117,200	74.2488	91.5378	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.13 Call	18,000	38.1367	51.6837	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	17.24 Call	33,000	34.5920	47.1286	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	18.06 Call	2,055	16.3750	23.2231	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.00 Put	3,867	623.2392	541.8281	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.07 Put	0	663.0861	578.7367	0.0000	0.0000	113,476	0.00	
Mar 2018	ZAUS	13.38 Put	2,500	852.7660	756.1284	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	14.91 Call	8,395	280.4968	328.0640	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.11 Call	2,500	252.3011	295.6880	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.46 Call	3,867	210.4698	247.4375	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.00 Put	750	41.5789	27.5196	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.05 Put	750	676.5147	597.4949	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	1035.5728	936.6160	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	16.38 Call	750	238.0441	267.7824	0.0000	0.0000	0	0.00	
			<u>1,671,800</u>					<u>153,444.00</u>	<u>0.00</u>	<u>34,821,323.00</u>
										<u>0.00</u>
		<b>Total</b>	<b><u>3,060,401</u></b>					<b><u>1,109,490.00</u></b>	<b><u>12,276,214,406.60</u></b>	<b><u>180,614,410.00</u></b>
										<b><u>1,686,054,586,982.20</u></b>

<b>Grand Total</b>	<b><u>3,647,481</u></b>							<b><u>1,169,857.00</u></b>	<b><u>13,153,922,348.40</u></b>	<b><u>240,001,884</u></b>	<b><u>2,306,112,656,610.10</u></b>
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